

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
PIPES/04SERIAL NO.  
09/410,916SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Jerome H. LudwigFILING DATE  
October 1, 1999

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT & TRADEMARK OFFICE	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MRC	A.A	5 3 6 8 6 5 1	06/21/94	Allen C. Hieatt, et al.	252	82	—
MRC	A.B	5 5 1 2 2 4 9	04/30/96	Vijay Singh	422	114	—
MRC	A.C	5 5 2 7 3 9 5	06/18/96	Edward c. Perry, et al.	134	3	—
MRC	A.D	5 8 0 0 6 2 9	09/01/98	Jerome H. Ludwig, et al.	134	22.11	—
	A.E						
	A.F						
	A.G						
	A.H						
	A.I						
	A.J						
	A.K						

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
A.L	2 728 800	5 JUL 1990	France			
A.M	WO 95 00206	5 JAN 1995	International			
A.N						
A.O						
A.P						
A.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

A.R	
A.S	
A.T	

EXAMINER

margu R. Chavaj

DATE CONSIDERED

6/01/01

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.